ATTORNEY DOCKET NO. UCF-388

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )

SHIN-TSON WU, ET AL. )

Serial No: TBA )

Filed: Concurrently Herewith )

For: **FLOWER-SHAPED VERTICAL ALIGNMENT LIQUID CRYSTAL DISPLAYS WITH WIDE VIEW ANGLE AND FAST RESPONSE TIME** )

## INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
and Trademarks
Washington DC 20231

Sir:

Pursuant to the requirements of 37 CFR 1.97 and 1.98, Applicant hereby requests that the references listed in the attached form PTO-1449 be considered and made of record in the above-identified application.

Favorable consideration of the application at an early date is respectfully solicited.

Respectfully submitted,

By: _____

Brian S. Steinberger
Attorney for Applicant
Registration No. 36,423
101 Brevard Avenue
Cocoa, FL 32922
Client no.: 23717

Date: 2/20/04

SUPPLEMENTAL FORM PTO-1449
UCF-388

ATTORNEY DOCKET NO.

**US DEPARTMENT OF COMMERCE**
**PATENT AND TRADEMARK OFFICE**

APPLICANT: **SHIN-TSON WU**
FOR: **FLOWER-SHAPED VERTICAL ALIGNMENT LIQUID CRYSTAL DISPLAYS WITH WIDE VIEW ANGLE AND FAST RESPONSE TIME**

**LIST OF ART CITED BY APPLICANT**

**U.S. PATENT DOCUMENTS**

| EXAMINER | DOCUMENT NO. | NAME | DATE | CLASS | SUBCLASS |
|---|---|---|---|---|---|
| AA | 6,014,188 | YAMADA, et al. | 01/11/2000 | 349 | 32 |
| AB | US 6,424,398 B1 | TANIGUCHI | 07/23/2002 | 349 | 143 |

PATENT APPLICATION PUBLICATIONS

NONE

FOREIGN ART

NONE

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OAA *"Transverse field effects in nematic liquid crystals,"* R. A. Soref, Appl. Phys. Lett., Vol. 22, No. 4, 15 February 1973, pp. 165-166.

OAB *"Field effects in nematic liquid crystals obtained with interdigital electrodes,"* R. A. Soref, Journal of Applied Physics, Vol. 45, No. 12, December 1974, pp. 5466-5468.

OAC "*P2-30 In-Plane Switching of Nematic Liquid Crystals,"* R. Kiefer, et al., JAPAN DISPLAY '92, pp. 547-550.

OAD "*LP-7: Late-News Poster: Axially Symmetric Aligned Microcell (ASM) Mode: Electro-Optical Characteristics of New Display Mode with Excellent Wide Viewing Angle,"* N. Yamada, et al., SID 95 DIGEST, pp. 575-578.

OAE "*41.1: A Super-High Image Quality Multi-Domain Vertical Alignment LCD by New Rubbing-Less Technology*" A. Takeda, et al., SID Vol. 29 (1998), page 1077.

OAF "*41.4: Advanced ASM Mode (Axially Symmetric Aligned Microcell Mode): Improvement of Display Performances by Using Negative Dielectric Liquid Crystal,"* Y. Kume, et al., SID Vol. 29 (1998) p. 1089.

OAH "*Super High Quality MVA-TFT Liquid Crystal Displays,"* Yoshio Koike, et al., FUJITSU Sci. Tech. J., 35, 2, pp. 221-228 (December 1999).